

WHAT IS CLAIMED IS:

- 1 1. A method for customizing one or more environments based on a location,
2 comprising:
3 receiving location information of a user; and
4 customizing the environments based on the location information and a
5 profile associated with the location.
- 1 2. The method of claim 1, further comprising:
2 extracting a user identification from the location information;
3 retrieving the profile based on the user identification;
4 extracting a current location from the location information; and
5 generating customization information based on the profile and the current
6 location.
- 1 3. The method of claim 2, further comprising the steps:
2 extracting a reference location from the profile;
3 generating a first list of environments to customize based on the reference
4 location and the current location; and
5 retrieving a second list of customizable devices corresponding to each of
6 the environments in the first list.
- 1 4. The method of claim 3, wherein the step of generating a first list
2 comprises the steps:
3 retrieving customization logic from the profile; and
4 executing the customization logic to generate the list of environments.
- 1 5. The method of claim 4, wherein the customization logic one or more of:
2 a table listing customizes environments listed in a table based on a
3 difference between the current location and the reference location; and
4 reasons using status parameters in the profile, the current location and the
5 reference location.
- 1 6. The method of claim 4, wherein the generating the customization
2 information comprises the step:

3 extracting from the profile customization commands;
4 retrieving configuration data from sources specified in the profile
5 customization commands; and
6 mapping the configuration data to customizable devices in the second list
7 of each of the environments in the first list.

1 7. The method of claim 6, wherein the specified sources comprise one or
2 more of:

3 an already customized environment; and
4 a database of configuration data for particular customizable devices.

1 8. The method of claim 6, wherein the mapping step comprises:
2 matching one or more portions of the configuration data with one or more
3 customizable devices in the second list for each of the environments in the first list;
4 collecting configuration data for each of the customizable devices in the
5 second list of the environments in the first list; and
6 integrating the collected configuration data for each of the customizable
7 devices.

1 9. The method of claim 8, wherein the customizing step comprises:
2 identifying a network address for each of the customizable devices; and
3 setting, via a network, each of the customizable devices to operate in a
4 manner consistent with corresponding integrated collected configuration data.

1 10. The method of claim 3, wherein the customizable devices include one or
2 more of communication devices, computers, appliances, motor vehicles, temperature
3 controls, entertainment devices, security devices, lights.

1 11. A customization system that customizes one or more environments based
2 on a location of a user, comprising:

3 a network interface; and

4 a controller coupled to the network interface, the controller receiving
5 location information from the user, and customizing one or more environments based on
6 the location information and a profile.

1 12. The system of claim 11, wherein the controller extracts a user
2 identification from the location information, retrieves the profile based on the user

3 identification, extracts a current location from the location information, and generates
4 customization information based on the profile and the current location.

1 13. The system of claim 12, wherein the controller extracts a reference
2 location from the profile, generates a first list of environments to customize based on the
3 reference location and the current location, and retrieves a second list of customizable
4 devices corresponding to each of the environments in the first list.

1 14. The system of claim 13, wherein the controller retrieves customization
2 logic from the profile, and executes the customization logic to generate the list of
3 environments.

1 15. The system of claim 14, wherein the customization logic comprises one or
2 more of:

3 a table listing environments that are to be customized based on a
4 difference between the current location and the reference location; and

5 an expression of one or more logical functions that provides reasoning
6 using status parameters in the profile, the current location and the reference location.

1 16. The system of claim 14, wherein the controller extracts from the profile
2 customization commands, retrieves configuration data from sources specified in the
3 profile customization commands, and maps the configuration data to customizable
4 devices in the second list of each of the environments in the first list.

1 17. The system of claim 16, wherein the specified sources comprise one or
2 more of:

3 an already customized environment; and

4 a database of configuration data for particular customizable devices.

1 18. The system of claim 16, wherein the controller matches one or more
2 portions of the configuration data with one or more customizable devices in the second
3 list for each of the environments in the first list, collects configuration data for each of the
4 customizable devices in the second list of the environments in the first list, and integrates
5 the collected configuration data for each of the customizable devices.

1 19. The system of claim 18, wherein the controller identifies a network
2 address for each of the customizable devices, and sets, via a network, each of the

3 customizable devices to operate in a manner consistent with corresponding integrated
4 collected configuration data.

1 20. The system of claim 13, wherein the customizable devices include one or
2 more of communication devices, computers, appliances, motor vehicles, temperature
3 controls, entertainment devices, security devices, lights.

1 21. A method for customizing one or more environments based on a location,
2 comprising:

3 receiving location information; and
4 customizing the environments based on the location information and a
5 profile.

1 22. A customization system that customizes one or more environments based
2 on a location, comprising:

3 a network interface; and
4 a controller coupled to the network interface, the controller receiving location information
5 and customizing one or more environments based on the location information and a
6 profile.

1 23. A method for customizing one or more environments based on a location,
2 comprising:

3 receiving location information;
4 extracting a user identification from the location information;
5 retrieving a profile based on the user identification;
6 extracting a current location from the location information;
7 generating customization information based on the profile and the current
8 location; and
9 customizing the one or more environments based on the location
10 information and the profile.

1 24. A customization system that customizes one or more environments based
2 on a location, comprising:

3 a network interface; and
4 a controller coupled to the network interface, wherein the controller:

5 receives location information;
6 extracts a user identification from the location information;
7 retrieves a profile based on the user identification;
8 generates customization information based on the profile and the current
9 location; and
10 customizes one or more environments based on the location information
11 and the profile.

1 25. A method for customizing one or more environments based on a location,
2 comprising:
3 receiving location information of the user; and
4 extracting a user identification from the location information;
5 retrieving a profile associated with the location based on the user
6 identification;
7 extracting a reference location from the profile;
8 extracting a current location from the location information;
9 generating a first list of environments to customize based on the reference
10 location and the current location;
11 retrieving a second list of customizable devices corresponding to each of
12 the environments in the first list
13 generating customization information based on the profile and the current
14 location; and
15 customizing the one or more environments based on the location
16 information and the profile.

1 26. A customization system that customizes one or more environments based
2 on a location, comprising:
3 a network interface; and
4 a controller coupled to the network interface, wherein the controller:
5 receives location information;
6 extracts a user identification from the location information;
7 retrieves a profile based on the user identification;

```

8           extracts a reference location from the profile;
9           generates a first list of environments to customize based on the reference
10          location and the current location;
11          retrieves a second list of customizable devices corresponding to each of
12          the environments in the first list;
13          generates customization information based on the profile and the current
14          location; and
15          customizes one or more environments based on the location information
16          and the profile.

```

Variable	Mean	Standard deviation	Minimum	Maximum	Skewness	Kurtosis	Jarque-Bera	Probability
Return	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Volatility	0.0100	0.0050	0.0000	0.0200	0.0000	3.0000	0.2261	0.8841
Correlation	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Information ratio	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Tracking error	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Alpha	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Beta	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Gamma	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Delta	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Epsilon	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Zeta	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Eta	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Theta	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Iota	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Kappa	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Lambda	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Mu	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Nu	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Xi	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Omicron	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Pi	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Rho	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Sigma	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Tau	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Upsilon	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Phi	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Chi	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Psi	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841
Omega	0.0000	0.0100	-0.0500	0.0500	0.0000	3.0000	0.2261	0.8841